

LISTING OF THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) Closure moulded in closed position with a ring shaped body, the ring shaped body having an opening extending in an axial direction and having substantially the same diameter at both ends, comprising fixing means to fix the closure on a neck of a bottle, the fixing means having substantially the same diameter as the opening, and a lid, the lid having substantially the same diameter as the ring shaped body, the lid comprising a sealing means to seal an orifice of the bottle, the sealing means directly contacting the neck of the bottle, ~~whereby the body and the lid are separated from each other by a circumferential gap,~~ and a snap hinge comprising a first and a second trapezoid element and a first and second pair of film hinges, each pair defining a first and a second plane, the first and the second pair of film hinges connecting the first and the second trapezoid element to the lid and to the body, whereby the first and the second plane are arranged substantially parallel to an axis A of the closure and whereby an inner periphery of the film hinges and an inner periphery of the closure are configured such that they do not extend outward beyond a main inner radius R1 of the closure and whereby the inside of each film hinge is defined by a plane on the inside of the closure and the outside of the film hinge is defined by two flat boundary planes arranged at an angle κ to each other, and a cylindrical boundary surface having a radius R3.

2. (Previously Presented) Closure according to claim 1 wherein the first and second pair of film hinges are arranged at an angle ϕ to each other, and the first and the second plane defined by the first and the second pair of film hinges are arranged at an angle ω , the angle ϕ and an opening angle α of the closure is:

$$\phi / 2 = a \tan \left[\frac{\sin(\alpha)}{1 - \cos(\alpha)} \sin\left(\frac{\omega}{2}\right) \right]$$

3. (Previously Presented) Closure according to claim 1, wherein the opening angle is in the range of 180° and 240°.

4-5. Cancelled

6. (Previously Presented) Closure according to claim 1, wherein the trapezoid elements are spaced apart separated by a cutout.

7. (Previously Presented) Closure according to claim 1, wherein the trapezoid elements are connected by a film hinge along a shorter edge.

8. (Previously Presented) Closure according to claim 1, wherein the body and the lid are connected by tamper evidence means, which are destroyed by initial opening.

9. (Currently Amended) Closure according to claim 1, wherein the body and the lid are in the open position spaced a distance distance s apart, whereby the distance s is equal to 50% to 90% of the shorter edge of trapezoid elements.

10. (Previously Presented) Closure according to claim 1, wherein said closure is characterized by a cylindrical outer wall section.

11. (Currently Amended) A closure, moulded in a closed position, comprising:

a ring shaped body including an opening extending in an axial direction between a bottom end and a top end and having substantially a same diameter at both the bottom end and the top end;

the ring shaped body further comprising a fixing device configured to fix the closure on a neck of a bottle, the ring shaped body configured such that the neck of the bottle extends above the ring shaped body;

a lid having substantially the same diameter as the ring shaped body;

the lid further comprising a seal configured to seal an orifice of the bottle, the seal directly contacting the neck of the bottle; and

a snap hinge configured to connect the ring shaped body to the lid ~~such that the body and lid are separated from each other by a circumferential gap;~~

the snap hinge further comprising a first and a second trapezoid element and a first and second pair of film hinges, each pair of film hinges defining a first and a second plane, respectively, the first and the second pair connecting the first and the second trapezoid element to the lid and to the ring shaped body, whereby the first and the second plane are arranged substantially parallel to an axis A of the closure, and

whereby an inner periphery of the film hinges and an inner periphery of the closure are configured such that they do not extend outward beyond a main inner radius R1 of the closure and whereby the inside of each film hinge is defined by a plane on the inside of the closure and the outside of the film hinge is defined by two flat boundary planes arranged at an angle κ to each other, and a cylindrical boundary surface having a radius R3.

12. (Currently Amended) A closure, moulded in a closed position, comprising:

a ring shaped body including an opening extending in an axial direction between a bottom end and a top end and having substantially a same diameter at both the bottom end and the top end;

the ring shaped body further including a fixing device configured to fix the closure on a neck of a bottle;

a lid having substantially the same diameter as the ring shaped body;

the lid further including a seal configured to seal an orrifice of the bottle, the seal directly contacting the neck of the bottle;

a snap hinge configured to connect the ring shaped body to the lid such that the body and lid are separated from each other by a circumferential gap; and

a plurality of bridge elements connected between the ring shaped body and the lid along an inner periphery of the circumferential gap;

the snap hinge further including a first and a second trapezoid element and a first and second pair of film hinges, each pair of film hinges defining a first and a second plane, respectively, the first and the second pair connecting the first and the second trapezoid element to the lid and to the ring shaped body, whereby the first and the second plane are arranged substantially parallel to an axis A of the closure, and

whereby an inner periphery of the film hinges and an inner periphery of the closure are configured such that they do not extend outward beyond a main inner radius R1 of the closure and whereby the inside of each film hinge is defined by a plane on the inside of the closure and the outside of the film hinge is defined by two flat boundary planes arranged at an angle κ to each other, and a cylindrical boundary surface having a radius R3.